

Amendment and Response  
Applicant: Uri Adler et al.  
Application No.: 10/816,847  
Filed: April 5, 2004  
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Docket Nr. VRY-001

### REMARKS

Applicant has carefully reviewed the office action mailed July 21, 2005. The application further thanks the examiner for the courtesies extended during our telephonic meeting of August 17, and notes the withdrawal of the finality of the action of July 21 mailed August 23, 2005. The present response is intended to be fully responsive to all points of objection raised by the examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance is hereby solicited.

Independent claims 1 and 12 have been amended, and dependent claims 5 – 8 and 10 have been amended. Claims 1 -23 remain in the case.

### Substance of the Interview

A telephonic interview was held on August 17, 2005 at which meeting claims 1 and 12 were discussed. In particular it was noted that in Kamir et al, cited by the examiner, the plurality of printing units are each arranged to each print across the width of the wide format substrate. This is required to print a color image across the width of the wide format substrate using the plurality of printing means, each of which prints a separate color. Fig. 3A of Kamir is illustrative in which the substrate passes in turn 20C, 20M, 20Y and 20K, each of which print a specific color across the wide format substrate in order to print a full color image across the wide format substrate. The sub-units of Kamir are typically different color sub-units.

The subject invention is clearly distinguished in supplying a plurality of sub-units, each of which is not intended to print across the wide format substrate. By way of non-limiting illustration, the sub-units of the invention may each comprise a plurality of sub-units of Kamir. Such a configuration is advantageous, at least in that it allows for the use of commercially available printing sub-units of standard printing widths, for printing across a significantly wider substrate. Each of the commercially available printing sub-units may

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comprise a plurality of color printing means, thus allowing for printing a full color image across a wide format substrate utilizing a plurality of smaller color printing sub-units.

Rejection under 35 U.S.C. §102:

Claims 1, 5, 8 – 13, 18, 20, 22 and 23 stand rejected under 35 U.S.C. 102(e) as being anticipated by Kamir (U.S. Publication 2002/0109663). Kamir describes a printing apparatus including a plurality of printing means, one for each color and a control unit. Each of the plurality of printing means represents a different color, and as can be seen in Figs. 3a print together as a printing unit.

Amended claim 1 of the subject application is distinguished over Kamir in having a plurality of printing sub-units each arranged to print an image narrower than the image being printed across the wide format substrate. The printing sub-units are positioned so that the printing output from the plurality of sub-units prints a printed image across the wide format substrate. In one non-limiting embodiment, as described in paragraph 17 - 19, each of the printing sub-units comprises a plurality of printing means of Kamir such as printing units for printing out primary colors.

As described above the subject invention is clearly distinguished in supplying a plurality of sub-units, each of which is not configured to print across the wide format substrate. By way of non-limiting illustration, the sub-units of the invention may each comprise a plurality of sub-units of Kamir. Such a configuration is advantageous, at least in that it allows for the use of commercially available printing sub-units of standard printing widths, for printing across a significantly wider substrate. Each of the commercially available printing sub-units may comprise a plurality of color printing means, thus allowing for printing a full color image across a wide format substrate utilizing a plurality of smaller color printing sub-units

Amended claim 12 of the subject application is distinguished over Kamir in having a plurality of printing sub-units, each of the printing sub-units being configured to print an image narrower than a wide format image. The wide format image is printed by configuring

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the plurality of sub-units to print the wide format image on a wide format substrate as a result of the combination of the printing output of the plurality of narrower printing sub-units. Such a combination of printing of narrow individual images to arrive at a single wide format image is not taught by Kamir. Amended claim 12 has been clarified to clearly state that the printing sub-units are configured to each print an image narrower than the wide format image.

Claims 1 and 12 are thus deemed patentable over Kamir. Claims 5, 8-13, 18, 20, 22 and 23 which depend on claims 1 and 12 respectively, are thus deemed patentable over Kamir.

Rejection under 35 U.S.C. §103:

Claims 2 - 4, 6, 7, 14 – 17, 19 and 21 stand rejected under 35 U.S.C. 103 as being unpatentable over Kamir in view of Narushima et al (U.S. Patent 6,831,755)

Independent claim 1 has been amended as described above to recite a plurality of printing sub-units, each arranged to print an image narrower than the image being printed across the wide format substrate. The printing sub-units are positioned so that the printing output from the plurality of sub-units prints a printed image across the wide format substrate. In one non-limiting embodiment, as described in paragraph 17 - 19, each of the printing sub-units comprises a plurality of printing means of Kamir such as printing units for printing out primary colors. This is neither taught nor suggested by Kamir or Narushima. Claims 2 – 4, 6 and 7 which depend on amended claim 1 are thus deemed patentable over the combination of Kamir and Narushima.

Independent claim 12 has been amended as described above to recite providing a plurality of printing sub-units, each of the printing sub-units being configured to print an image narrower than a wide format image. The wide format image is printed by configuring the plurality of sub-units to print the wide format image on a wide format substrate as a result of the combination of the printing output of the plurality of narrower printing sub-units. Such a combination of printing of narrow individual images to arrive at a single wide format image is not taught by Kamir. Amended claim 12 has been clarified to clearly state that the printing sub-units are configured to each print an image narrower than the wide format image. This is neither taught nor suggested by Kamir or Narushima. Claims 14 – 17, 19 and 21 which

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depend on amended claim 12 are thus deemed patentable over the combination of Kamir and Narushima.

CONCLUSION

In view of the foregoing, reconsideration and allowance of all pending claims (i.e., claims 1 – 23) is respectfully requested. The Examiner is encouraged to contact Applicant's undersigned agent by telephone through the below telephone number, or by e-mail at [Simonka@Barak.net.il](mailto:Simonka@Barak.net.il) if it would in any way aid in the advancement of this application to issue.

Respectfully submitted,

Dated: October 25, 2005



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